

# Survey of Graduate Students and Postdoctorates in Science and Engineering

## CROSSWALK BETWEEN NSF DISCIPLINE CODES AND THE NCES CLASSIFICATION OF INSTRUCTIONAL PROGRAMS

The following set of discipline codes categorizes the science and engineering departments or programs in the Survey of Graduate Students and Postdoctorates in Science and Engineering. Representative department names are shown under each of the discipline codes.

<b>ENGINEERING</b>  <b>101 AEROSPACE ENGINEERING</b> 14.02 AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGR.  <b>102 AGRICULTURAL ENGINEERING</b> 14.03 AGRICULTURAL ENGINEERING  <b>103 BIOMEDICAL ENGINEERING</b> 14.05 BIOENGINEERING AND BIOMEDICAL ENGINEERING  <b>104 CHEMICAL ENGINEERING</b> 03.0509 WOOD SCIENCE 14.07 CHEMICAL ENGINEERING 14.32 POLYMER/PLASTICS ENGINEERING  <b>105 CIVIL ENGINEERING</b> 04.02 ARCHITECTURE 14.04 ARCHITECTURAL ENGINEERING 14.08 CIVIL ENGINEERING 14.0803 STRUCTURAL ENGINEERING 14.0805 WATER RESOURCES ENGINEERING 14.14 ENVIRONMENTAL/ENVIRONMENTAL HEALTH ENGINEERING  <b>106 ELECTRICAL ENGINEERING</b> 14.09 COMPUTER ENGINEERING 14.10 ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS ENGR.  <b>107 ENGINEERING SCIENCE AND ENGINEERING PHYSICS</b> 14.12 ENGINEERING PHYSICS 14.13 ENGINEERING SCIENCE  <b>108 INDUSTRIAL/MANUFACTURING ENGINEERING</b> 14.17 INDUSTRIAL/MANUFACTURING ENGINEERING 14.27 SYSTEMS ENGINEERING 14.30 ENGINEERING/INDUSTRIAL MANAGEMENT 30.06 SYSTEMS SCIENCE  <b>109 MECHANICAL ENGINEERING</b> 14.11 ENGINEERING MECHANICS 14.19 MECHANICAL ENGINEERING  <b>110 METALLURGICAL AND MATERIALS ENGINEERING</b> 14.06 CERAMIC SCIENCES AND ENGINEERING 14.18 MATERIALS ENGINEERING 14.20 METALLURGICAL ENGINEERING 14.28 TEXTILE SCIENCES AND ENGINEERING 14.31 MATERIALS SCIENCE 40.0701 METALLURGY  <b>111 MINING ENGINEERING</b> 14.15 GEOLOGICAL ENGINEERING 14.16 GEOPHYSICAL ENGINEERING 14.21 MINING AND MINERAL ENGINEERING  <b>112 NUCLEAR ENGINEERING</b> 14.23 NUCLEAR ENGINEERING  <b>113 PETROLEUM ENGINEERING</b> 14.25 PETROLEUM ENGINEERING  <b>114 ENGINEERING, N.E.C.</b> 14.01 ENGINEERING, GENERAL 14.22 NAVAL ARCHITECTURE AND MARINE ENGINEERING 14.24 OCEAN ENGINEERING 14.29 ENGINEERING DESIGN 14.99 ENGINEERING, OTHER	<b>EARTH, ATMOSPHERIC, AND OCEAN SCIENCES</b>  <b>301 ATMOSPHERIC SCIENCES</b> 40.04 ATMOSPHERIC SCIENCES AND METEOROLOGY  <b>302 GEOSCIENCES</b> 40.06 GEOLOGICAL AND RELATED SCIENCES 40.0703 EARTH AND PLANETARY SCIENCES  <b>303 OCEAN SCIENCES</b> 26.0607 MARINE/AQUATIC BIOLOGY 40.0702 OCEANOGRAPHY  <b>304 EARTH, ATMOSPHERIC, AND OCEAN SCIENCES, N.E.C.</b>  <b>MATHEMATICAL SCIENCES</b>  <b>402 MATHEMATICS AND APPLIED MATHEMATICS</b> 27.01 MATHEMATICS 27.03 APPLIED MATHEMATICS 27.0302 OPERATIONS RESEARCH 27.99 MATHEMATICS, OTHER 30.08 MATHEMATICS AND COMPUTER SCIENCE  <b>403 STATISTICS</b> 27.05 MATHEMATICAL STATISTICS 52.0802 ACTUARIAL SCIENCE  <b>COMPUTER SCIENCE</b>  <b>401 COMPUTER SCIENCE</b> 11.01 COMPUTER AND INFORMATION SCIENCES, GENERAL 11.04 INFORMATION SCIENCES AND SYSTEMS 11.07 COMPUTER SCIENCE 52.1201 MANAGEMENT INFORMATION SYSTEMS 52.1301 MANAGEMENT SCIENCE  <b>AGRICULTURAL SCIENCES (SEE ALSO 102 AND 901)</b>  <b>501 AGRICULTURAL SCIENCES</b> 02.01 AGRICULTURE/AGRICULTURAL SCIENCES 02.02 ANIMAL SCIENCES 02.03 FOOD SCIENCES 02.04 PLANT SCIENCES 02.05 SOIL SCIENCES 02.99 AGRICULTURAL SCIENCES, OTHER 03.01 NATURAL RESOURCES CONSERVATION 03.02 CONSERVATION AND REGULATION 03.03 FISHING AND FISHERIES SCIENCES AND MANAGEMENT 03.05 FORESTRY AND RELATED SCIENCES 03.06 WILDLIFE AND WILDLANDS MANAGEMENT 03.99 CONSERVATION AND RENEWABLE NATURAL RESOURCES, OTHER  <b>BIOLOGICAL SCIENCES</b>  <b>601 ANATOMY</b> 26.0601 ANATOMY 51.1301 MEDICAL ANATOMY  <b>602 BIOCHEMISTRY</b> 26.0202 BIOCHEMISTRY 51.1302 MEDICAL BIOCHEMISTRY  <b>603 BIOLOGY</b> 26.01 BIOLOGY, GENERAL  <b>604 BIOMETRY AND EPIDEMIOLOGY</b> 26.0614 BIOMETRICS 26.0615 BIOSTATISTICS 51.1303 MEDICAL BIOMATHEMATICS AND BIOMETRICS 51.1203 EPIDEMIOLOGY  <b>605 BIOPHYSICS</b> 26.0203 BIOPHYSICS 51.1304 MEDICAL BIOPHYSICS/PHYSICS  <b>606 BOTANY</b> 26.03 BOTANY (EXCLUDING 26.05 MICROBIOLOGY/BACTERIOLOGY—SEE 611) 26.0305 PLANT PATHOLOGY 26.0307 PLANT PHYSIOLOGY  <b>607 CELL AND MOLECULAR BIOLOGY</b> 26.04 CELL AND MOLECULAR BIOLOGY 26.0401 CELL BIOLOGY 26.0402 MOLECULAR BIOLOGY 51.1305 MEDICAL CELL BIOLOGY 51.1309 MEDICAL MOLECULAR BIOLOGY
<b>PHYSICAL SCIENCES</b>  <b>201 ASTRONOMY</b> 40.02 ASTRONOMY 40.03 ASTROPHYSICS  <b>202 CHEMISTRY</b> 40.05 CHEMISTRY (SEE ALSO 602) 40.0507 POLYMER CHEMISTRY  <b>203 PHYSICS</b> 40.08 PHYSICS (SEE ALSO 605) 40.0807 OPTICS 40.0809 ACOUSTICS  <b>204 PHYSICAL SCIENCES, N.E.C.</b> 40.01 PHYSICAL SCIENCES, GENERAL 40.0799 MISCELLANEOUS PHYSICAL SCIENCES, OTHER 40.99 PHYSICAL SCIENCES, OTHER	

<b>608 ECOLOGY</b>	26.0603 ECOLOGY
<b>609 ENTOMOLOGY AND PARASITOLOGY</b>	26.0610 PARASITOLOGY 26.0702 ENTOMOLOGY
<b>610 GENETICS</b>	26.0613 GENETICS, PLANT AND ANIMAL 26.0617 EVOLUTIONARY BIOLOGY 51.1306 MEDICAL GENETICS
<b>611 MICROBIOLOGY, IMMUNOLOGY, AND VIROLOGY</b>	26.05 MICROBIOLOGY/BACTERIOLOGY 26.0618 BIOLOGICAL IMMUNOLOGY 26.0619 VIROLOGY 51.1308 MEDICAL MICROBIOLOGY
<b>612 NUTRITION</b>	19.05 FOODS AND NUTRITION STUDIES 26.0609 NUTRITIONAL SCIENCES 51.1311 MEDICAL NUTRITION
<b>613 PATHOLOGY</b>	26.0704 PATHOLOGY, HUMAN AND ANIMAL 51.1312 MEDICAL PATHOLOGY
<b>614 PHARMACOLOGY</b>	26.0612 TOXICOLOGY 26.0705 PHARMACOLOGY, HUMAN AND ANIMAL 51.1314 MEDICAL TOXICOLOGY
<b>615 PHYSIOLOGY</b>	26.0706 PHYSIOLOGY, HUMAN AND ANIMAL 51.1313 MEDICAL PHYSIOLOGY
<b>616 ZOOLOGY</b>	26.07 ZOOLOGY
<b>617 BIOSCIENCES, N.E.C.</b>	26.0616 BIOTECHNOLOGY RESEARCH 26.0699 MISCELLANEOUS BIOLOGICAL SPECIALIZATIONS, OTHER 26.99 BIOLOGICAL SCIENCES/LIFE SCIENCES, OTHER 30.01 BIOLOGICAL AND PHYSICAL SCIENCES 30.10 BIOPSYCHOLOGY

## PSYCHOLOGY

<b>801 PSYCHOLOGY, COMBINED</b>	42.01 PSYCHOLOGY, GENERAL
<b>802 PSYCHOLOGY, EXCEPT CLINICAL</b>	42.03 COGNITIVE PSYCHOLOGY AND PSYCHOLINGUISTICS 42.04 COMMUNITY PSYCHOLOGY 42.07 DEVELOPMENTAL AND CHILD PSYCHOLOGY 42.08 EXPERIMENTAL PSYCHOLOGY 42.09 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY 42.11 PHYSIOLOGICAL PSYCHOLOGY/PSYCHOBIOLOGY 42.16 SOCIAL PSYCHOLOGY 42.17 SCHOOL PSYCHOLOGY 42.99 PSYCHOLOGY, OTHER 51.2301 ART THERAPY 51.2303 HYPNOTHERAPY 51.2705 PSYCHOANALYSIS
<b>803 CLINICAL PSYCHOLOGY</b>	42.02 CLINICAL PSYCHOLOGY

## SOCIAL SCIENCES

<b>901 AGRICULTURAL ECONOMICS</b>	01.0101 AGRICULTURAL BUSINESS AND MANAGEMENT, GENERAL 01.0102 AGRICULTURAL BUSINESS/AGRIBUSINESS OPERATIONS 01.0103 AGRICULTURAL ECONOMICS
<b>902 ANTHROPOLOGY (CULTURAL AND SOCIAL)</b>	45.02 ANTHROPOLOGY 45.03 ARCHAEOLOGY
<b>903 ECONOMICS</b>	45.06 ECONOMICS 52.06 BUSINESS/MANAGERIAL ECONOMICS
<b>904 GEOGRAPHY</b>	45.0701 GEOGRAPHY 45.0702 CARTOGRAPHY
<b>905 HISTORY AND PHILOSOPHY OF SCIENCE</b>	45.0804 HISTORY AND PHILOSOPHY OF SCIENCE
<b>906 LINGUISTICS</b>	16.0102 LINGUISTICS
<b>907 POLITICAL SCIENCE/PUBLIC ADMINISTRATION</b>	44.04 PUBLIC ADMINISTRATION 44.05 PUBLIC POLICY ANALYSIS 44.99 PUBLIC ADMINISTRATION AND SERVICES, OTHER 45.09 INTERNATIONAL RELATIONS AND AFFAIRS 45.10 POLITICAL SCIENCE AND GOVERNMENT

<b>908 SOCIOLOGY</b>	45.05 DEMOGRAPHY AND POPULATION STUDIES 45.11 SOCIOLOGY
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## 909 SOCIOLOGY/ANTHROPOLOGY

<b>910 SOCIAL SCIENCES, N.E.C.</b>	04.03 CITY/URBAN, COMMUNITY, AND REGIONAL PLANNING 04.07 ARCHITECTURAL URBAN DESIGN AND PLANNING 05 AREA, ETHNIC, AND CULTURAL STUDIES 30.11 GERONTOLOGY 43.01 CRIMINAL JUSTICE AND CORRECTIONS 44.02 COMMUNITY ORGANIZATION, RESOURCES, AND SERVICES 45.01 SOCIAL SCIENCES, GENERAL 45.04 CRIMINOLOGY 45.12 URBAN AFFAIRS/STUDIES 45.99 SOCIAL SCIENCES, OTHER
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## HEALTH FIELDS (SEE ALSO 103)

<b>701 ANESTHESIOLOGY</b>	51.1604 NURSING ANESTHETIST (POST-R.N.)
<b>702 CARDIOLOGY</b>	
<b>703 ONCOLOGY/CANCER RESEARCH</b>	
<b>704 ENDOCRINOLOGY</b>	
<b>705 GASTROENTEROLOGY</b>	
<b>706 HEMATOLOGY</b>	
<b>707 NEUROLOGY</b>	26.0608 NEUROSCIENCE
<b>708 OBSTETRICS AND GYNECOLOGY</b>	
<b>709 OPHTHALMOLOGY</b>	51.1701 OPTOMETRY (O.D.)
<b>710 OTORHINOLARYNGOLOGY</b>	
<b>711 PEDIATRICS</b>	
<b>712 PREVENTIVE MEDICINE AND COMMUNITY HEALTH</b>	51.22 PUBLIC HEALTH 51.2202 ENVIRONMENTAL HEALTH
<b>713 PSYCHIATRY</b>	51.1610 NURSING, PSYCHIATRY/MENTAL HEALTH (POST-R.N.)
<b>714 PULMONARY DISEASE</b>	
<b>715 RADIOLOGY</b>	26.0611 RADIATION BIOLOGY/RADIOBIOLOGY
<b>716 SURGERY</b>	
<b>717 CLINICAL MEDICINE, N.E.C.</b>	51.1399 MEDICAL BASIC SCIENCES, OTHER 51.1201 MEDICINE (M.D.) 51.14 MEDICAL CLINICAL SCIENCES (M.S., Ph.D.) 51.19 OSTEOPATHIC MEDICINE (D.O.) 51.21 PODIATRY (D.P.M., D.P., Pod.D.)
<b>718 DENTAL SCIENCES</b>	51.04 DENTISTRY (D.D.S., D.M.D.) 51.05 DENTAL CLINICAL SCIENCES/GRAD. DENTISTRY (M.S., Ph.D.)
<b>719 NURSING</b>	51.16 NURSING (EXCLUDING 51.1610, NURSING, PSYCHIATRY/MENTAL HEALTH—SEE 713, AND 51.1604 NURSING ANESTHETIST—SEE 701)
<b>720 PHARMACEUTICAL SCIENCES</b>	51.20 PHARMACY
<b>721 VETERINARY SCIENCES</b>	51.24 VETERINARY MEDICINE (D.V.M.) 51.25 VETERINARY CLINICAL SCIENCES (M.S., Ph.D.)
<b>722 HEALTH-RELATED, N.E.C.</b>	31.0505 EXERCISE SCIENCE/PHYSIOLOGY AND MOVEMENT STUDIES 51.2306 OCCUPATIONAL THERAPY 51.2308 PHYSICAL THERAPY 51.2399 REHABILITATION/THERAPEUTIC SERVICES, OTHER 51.2704 NATUROPATHIC MEDICINE 51.99 HEALTH PROFESSIONS AND RELATED SCIENCES, OTHER
<b>723 COMMUNICATION DISORDERS SCIENCES</b>	51.02 COMMUNICATION DISORDERS SCIENCES AND SERVICES 51.0201 COMMUNICATION DISORDERS, GENERAL 51.0202 AUDIOLOGY/HEARING SCIENCES 51.0203 SPEECH-LANGUAGE PATHOLOGY 51.0204 SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY

***N.E.C. = not elsewhere classified***